AMENDMENTS TO THE CLAIMS

This Listing of the Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) A system for quantitative measurement of percent glycated hemoglobin in whole blood, comprising:

a blood dilution solution;

a dry immunoassay reagent system; and

a device adapted for:

receiving at least a portion of diluted blood solution;

contacting the blood solution with the [[a]] dry immunoassay reagent system for detecting a change in the reagent system; and

providing an indication of the analytical result to the user;

wherein the blood dilution solution comprises ~~a first surfactant for hemolysis~~ N-hexadecyl-N,N-dimethyl-3-amino-1-propanesulfonate, and ~~a second surfactant for stability~~ a nonionic surfactant selected from the group consisting of an ethoxylated acetylenic glycol polymer, and a block copolymer of ethylene oxide and propylene oxide;

wherein the blood dilution solution is not in contact with the dry immunoassay reagent system during storage.

2-4. (Canceled)

5. (Currently amended) A system according to claim [26]]1, wherein the dry immunoassay reagent system comprises [[a]] microparticulate labels.

6. (Currently amended) A system according to claim 5, wherein the microparticulates are [[is a]] latex particles.

7-19. (Canceled).

20. (Currently amended) A system for detection of an analyte in a liquid sample comprising:

a sample dilution solution;

a dry non-enzymatic binding assay reagent system; and

a device adapted for:

receiving at least a portion of diluted sample solution;

contacting the sample solution with the dry non-enzymatic binding assay reagent system adapted for indicating a change in the reagent system; and

providing an indication of the analytical result to the user;

wherein the blood dilution solution comprises ~~a first surfactant for hemolysis~~ N-hexadecyl-N,N-dimethyl-3-amino-1-propanesulfonate, and ~~a second surfactant for stability~~ a nonionic surfactant selected from the group consisting of an ethoxylated acetylenic glycol polymer, and a block copolymer of ethylene oxide and propylene oxide;

wherein the sample dilution solution is not in contact with the dry non-enzymatic binding assay reagent system during storage.

21-23. (Canceled).

24. (Currently amended) A system according to claim [[23]]20, wherein the dry non-enzymatic binding assay reagent system comprises [[a]] microparticulate labels.

25. (Currently amended) A system according to claim 24, wherein the microparticulates [[is a]] are latex particles.

26-27. (Canceled)

28. (Currently Amended) [[A]] The system according to claim [[27]]1, wherein the ethoxylated acetylenic glycol polymer is ethoxylated-2,4,7,9-tetramethyl-5-decyne-4,7-diol.

29. (Currently Amended) [[A]] The system according to claim 28, wherein the ethoxylated-2,4,7,9-tetramethyl-5-decyne-4,7-diol has an ethylene oxide content of from about 40 to about 85% by weight.

30. (Canceled).

31. (Currently Amended) [[A]] The system according to claim [[27]] 1, wherein the block copolymer of ethylene oxide and propylene oxide is a polyethylene oxide-polypropylene oxide-polyethylene oxide triblock copolymer or a polypropylene oxide-polyethylene oxide- polypropylene oxide triblock copolymer.

32-37. (Canceled)

38. (Currently Amended) [[A]] The system according to claim [[37]]20, wherein the ethoxylated acetylenic glycol polymer is ethoxylated-2,4,7,9-tetramethyl-5-decyne-4,7-diol.

39. (Currently Amended) [[A]] The system according to claim 38, wherein the ethoxylated-2,4,7,9-tetramethyl-5-decyne-4,7-diol has an ethylene oxide content of from about 40 to about 85% by weight.

40. (Canceled).

41. (Currently Amended) [[A]] The system according to claim [[37]] 20, wherein the block copolymer of ethylene oxide and propylene oxide is a polyethylene oxide-polypropylene oxide- polyethylene oxide triblock copolymer or a polypropylene oxide-polyethylene oxide-polypropylene oxide triblock copolymer.

42-45. (Canceled).